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| EXAMINER |
|---|
| CHUONG, TRUC T |

| ART UNIT | PAPER NUMBER |
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| 2179 | |

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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| | Application No. | Applicant(s) |
| --- | --- | --- |
| **Office Action Summary** | 10/636,082 | FU, JENNIFER JIE |
| | Examiner | Art Unit |
| | TRUC T. CHUONG | 2179 |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on _28 July 2008_.

2a)☒ This action is **FINAL**.          2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) _1-19_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-19_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

## DETAILED ACTION

This is a communication responsive to the Amendment filed on 07/28/08.

Claims 1-19 are pending in this application. In this communication, claims 1, 11 and 16 are independent and amended. This action is made final.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior office action.

### *Claim Rejections - 35 USC § 102*

1.      Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Tung Ng et al. (hereinafter "Tung", U.S. Patent No. 6,279,008 B1).

As to claim 1, Tung shows an article of manufacture comprising a program storage medium having computer readable code embodied therein, said computer readable code being configured to implement a graphical user interface (GUI) template, said GUI template being configured to create one of a plurality of graphical user interfaces (GUIs), comprising:

computer readable code for rendering a plurality of GUI components (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1);

computer readable code for implementing a plurality of functions (RDBMS, e.g., col. 4 lines 21-38), each of said plurality of functions being associated with one of said plurality of GUI components (e.g., col. 4 lines 45-60), one of said plurality of functions being invoked when a respective one of said plurality of GUI components is activated by a user via said one of said plurality of GUIs (e.g., col. 4 lines 40-60), <u>wherein said plurality of functions are created, tested, and integrated with plurality of GUI components in advance of said one of said plurality of</u>

functions being invoked (the GUI designed consistent with the present invention supports object-database mapping and rapid testing of numerous object-oriented and database scenarios. This GUI allows characteristics associated with the tables in the database and the classes in the object-oriented applications to be accessed, edited, and created in an efficient manner. e.g., col. 1 lines 60-67); and

computer readable code for implementing a calling mechanism, said calling mechanism permitting a user to specify a subset (e.g., fig. 17 shows the subset of FIELD including phone, company, etc…) of said plurality of GUI components to be rendered in said one of said plurality of GUIs (e.g., col. 12 lines 54-65 and fig. 17).

As to claim 2., Tung shows the article of manufacture of claim 1 wherein at least two of said plurality of said GUIs have different sets of GUI components, each of said sets of GUI components being a subset of said plurality of GUI components (e.g., col. 12 lines 54-65 fig. 17 shows the subset of FIELD including phone, company, etc…).

As to claim 3, Tung shows the article of manufacture of claim 1 wherein said plurality of GUI components comprise a required subset and an optional subset, said required subset representing GUI components to be rendered in each of said plurality of GUIs, said optional subset representing GUI components rendered only when specified by said user through said calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20).

As to claim 4, Tung shows the article of manufacture of claim 3 further comprising computer readable code implementing a visual scheme for said one of said plurality of (GUIs) (e.g., figs. 16-17).

As to claim 5, Tung shows the article of manufacture of claim 3 further comprising computer readable code implementing plurality of user-selectable visual schemes for said one of said plurality of (GUIs), said plurality of user-selectable visual schemes being selectable through said calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20, and 16-17).

As to claim 6, Tung shows the article of manufacture of claim 5 wherein said plurality of user-selectable visual schemes include locations for at least one of said plurality of GUI components (e.g., figs. 16-17).

As to claim 7, Tung shows the article of manufacture of claim 1 further comprising computer readable code for implementing an application programming interface (API) to facilitate extending said one of said plurality of GUIs (API, e.g., col. 6 lines 25-30).

As to claim 8, Tung shows the article of manufacture of claim 1 further comprising computer readable code for implementing an application programming interface (API) to facilitate inter-operability (API, e.g., col. 6 lines 25-30).

As to claim 9, Tung shows the article of manufacture of claim 1 wherein said calling mechanism further includes a mechanism for receiving data to be rendered in a given one of said plurality of said GUI components (the object oriented application to be accessed, e.g., col. 4 lines 15-20, and 16-17).

As to claim 10, Tung shows the article of manufacture of claim 9 wherein said given one of said plurality of GUI components is one of a table, a graph, and a chart (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1).

As to claim 11, Tung shows a method for creating a re-useable high level graphical user interface (RHL-GUI) template, comprising:

ascertaining a plurality of required components for said RHL-GUI template (the object oriented application to be accessed, edited, shared, and created, e.g., col. 4 lines 10-31), each of plurality of required components being implemented using furnished features in a GUI creation software (GUI to display object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1);

ascertaining a default look-and-feel for said RHL-GUI template (e.g., figs. 13-18);

coding a set of functions (Apple 412 includes object-oriented code that accesses tables in a database, e.g., col. 7 lines 15-22);

associating said set of functions with selective ones of said plurality of required components of said RHL-GUI template (e.g., figs. 16-17), one of said set of functions being invoked when an associated one of said selective ones of said plurality of required components is activated by a user (e.g., figs. 16-17 show check box (radio) can be selected/set by the user), wherein said plurality of functions are created, tested, and integrated with plurality of GUI components in advance of said one of said plurality of functions being invoked (the GUI designed consistent with the present invention supports object-database mapping and rapid testing of numerous object-oriented and database scenarios. This GUI allows characteristics associated with the tables in the database and the classes in the object-oriented applications to be accessed, edited, and created in an efficient manner. e.g., col. 1 lines 60-67);

providing a calling mechanism for said RHL-GUI template, said calling mechanism, when invoked, renders said RHL-GUI template having said plurality of required components,

implementing said functions, and conforming to said default look-and-feel (the object oriented

application to be accessed, e.g., col. 4 lines 15-20).

As to claim 12, Tung shows the method of claim 11 further comprising:

ascertaining a plurality of optional components for said RHL-GUI template, each of said

plurality of said optional components being implemented using said furnished features in said

existing GUI creation software (GUI to display object oriented applications and tables in

database, e.g., col. 4 lines 10-20, fig. 1);

providing optional calling parameters for said calling mechanism, said optional calling

parameters, when invoked in conjunction with said calling mechanism, renders at least a subset

of said plurality of optional components as part of said RHL-GUI template (e.g., fig. 17 shows

the subset of FIELD including phone, company, etc…).

As to claim 13, Tung shows the method of claim 11 wherein said GUI creation software

is Java Swing.TM (Java.TM. programming language, e.g., col. 5 line 65-col. 6 line 6).

As to claim 14, Tung shows the method of claim 11 wherein said RHL-GUI template

pertains to a table GUI (e.g., figs. 13-17).

As to claim 15, Tung shows the method of claim 11 further comprising: providing an

application programming interface with said RHL-GUI template to facilitate interoperability

between said RHL-GUI template and other components external to said RHL-GUI template (the

object oriented application to be accessed, e.g., col. 4 lines 15-20).

As to claim 16, Tung shows an article of manufacture comprising a program storage

medium having computer readable code embodied therein, said computer readable code being

configured to implement a graphical user interface (GUI) template, said GUI template being

configured to create one of a plurality of graphical user interfaces (GUIs), comprising:

computer readable code for implementing a calling mechanism (the object oriented

application to be accessed, e.g., col. 4 lines 15-20);

computer readable code for rendering a plurality of GUI components (GUI to display

object oriented applications and tables in database, e.g., col. 4 lines 10-20, fig. 1);

computer readable code for implementing a plurality of functions, each of said plurality

of functions being associated with one of said plurality of GUI components, one of said plurality

of functions being invoked when a respective one of said plurality of GUI components is

activated by a user via said one of said plurality of GUIs (e.g., figs. 16-17 show check box

(radio) can be selected/set by the user), <u>wherein said plurality of functions are created, tested,</u>

<u>and integrated with plurality of GUI components in advance of said one of said plurality of</u>

<u>functions being invoked</u> (the GUI designed consistent with the present invention supports object-

database mapping and <u>rapid testing</u> of numerous object-oriented and database scenarios. This

GUI allows characteristics associated with the tables in the database and the classes in the <u>object-</u>

<u>oriented applications to be accessed, edited, and created</u> in an efficient manner. e.g., col. 1 lines

60-67);

at least one of said plurality of functions, when invoked, affects a GUI component other

than a GUI component associated with said at least one of said plurality of functions, wherein

said calling mechanism permits a user to specify a subset of said plurality of GUI components to

be rendered in said one of said plurality of GUIs, said calling mechanism further includes a

mechanism for receiving data to be rendered in a given one of said plurality of GUI components

(e.g., fig. 17 shows the subset of FIELD including phone, company, etc...).

As to claim 17, Tung shows the article of manufacture of claim 16 wherein at least two of

said plurality of said GUIs have different sets of GUI components, each of said sets of GUI

components being a subset of said plurality of GUI components, said different sets of GUI

components being specified through said calling mechanism (e.g., figs. 13-17).

As to claim 18, Tung shows the article of manufacture of claim 16 wherein said plurality

of GUI components comprise a required subset and an optional subset, said required subset

representing GUI components to be rendered in each of said plurality of GUIs, said optional

subset representing GUI components rendered only when specified by said user through said

calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20).

As to claim 19, Tung shows the article of manufacture of claim 16 further comprising

computer readable code implementing plurality of user-selectable visual schemes for said one of

said plurality of (GUIs), said plurality of user-selectable visual schemes being selectable through

said calling mechanism (the object oriented application to be accessed, e.g., col. 4 lines 15-20).

### *Response to Arguments*

2.      Applicant's arguments filed on 07/28/08 have been fully considered but they are not

persuasive.

Applicants argued and Examiner disagrees with the followings:

> *Tung does not teach or suggest the system wherein the plurality of functions are*
>
> *created, tested, and integrated with plurality of GUI components in advance of the one of*
>
> *the plurality of functions being invoked as amended by the Applicant.*

Tung clearly teaches that the GUI designed consistent with the present invention supports object-database mapping and <u>rapid testing</u> of numerous object-oriented and database scenarios. This GUI allows characteristics associated with the tables in the database and the classes in the <u>object-oriented applications to be accessed, edited, and created</u> in an efficient manner (e.g., col. 1 lines 60-67).

### *Conclusion*

3.      **THIS ACTION IS MADE FINAL.**  Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action.  In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action.  In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

4.      Any inquiry concerning this communication or earlier communications from the examiner should be directed to TRUC T. CHUONG whose telephone number is (571)272-4134. The examiner can normally be reached on M-Th and alternate Fridays 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


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/Weilun Lo/
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